

BULLETIN NUMBER: B205/B209 – 006

01/19/2006

APPLICABLE MODEL:

GESTETNER – DSM725/DSM730

LANIER – LD225/LD230

RICOH – AFICIO 3025/3030

SAVIN – 8025/8030

SUBJECT: SERVICE MANUAL - INSERT

The Service Manual pages listed below must be replaced with the pages supplied.

The revised areas have been highlighted by an arrow ⇒.

PAGES:

- 4-15 Updated Information (Service Call Conditions)
- 5-14 Updated Information (Service Program Mode)
- 5-38 Updated Information (Service Program Mode)
- 5-57 Updated Information (Service Program Mode)
- 5-136 Updated Information (User Tools)



**SERVICE
MANUAL**

Code No.		Symptom	Possible Cause
874	D	Delete All error 1: HDD	
		A data error was detected for the HDD/NVRAM after the Delete All option was used. Note: The source of this error is the Data Overwrite Security Unit B660 running from an SD card.	<ul style="list-style-type: none"> • Turn the main switch off/on, and try the operation again. • Install the Data Overwrite Security Unit again. For more, see section "1. Installation". • HDD defective
875	D	Delete All error 2: Data area	
		An error occurred while the machine deleted data from the HDD. Note: The source of this error is the Data Overwrite Security Unit B660 running from an SD card.	<ul style="list-style-type: none"> • Turn the main switch off/on, and try the operation again.
876	D	Log data abnormal	<ul style="list-style-type: none"> • Software error. Update the firmware • NVRAM defective • HDD defective
		An error was detected in the handling of the log data at power on or during machine operation. This can be caused if you turn the machine off while it is operating.	
880	D	File format converter error	<ul style="list-style-type: none"> • File format converter disconnected • File format converter board defective
		A request for access to the File Format Converter (MLB) was not answered within the specified time.	
900	D	Electrical total counter error	<ul style="list-style-type: none"> • NVRAM incorrect type • NVRAM defective • NVRAM data scrambled • Unexpected error from external source
		The total counter contains something that is not a number.	
901	D	Electronic total counter error	<ul style="list-style-type: none"> • Replace the NVRAM on the controller board
		The value of the total counter has already exceeded 9999999	
920	D	Printer Error 1	<ul style="list-style-type: none"> • Software defective • Insufficient memory
		An internal application error was detected and operation cannot continue.	
921	B	Printer error 2	
		When the application started, the necessary font was not on the SD card.	<ul style="list-style-type: none"> • Font not on the SD card
925	D	Network File Error	<ul style="list-style-type: none"> • Software defective • Files on the HDD corrupted
		The file that manages NetFile is corrupted and operation cannot continue.	
951	B	F-GATE error at write request	<ul style="list-style-type: none"> • Update the controller firmware • SBCU board defective
		After the IPU receives an F-gate signal, it receives another F-gate signal.	
953	B	Scanner setting error	<ul style="list-style-type: none"> • Update the controller firmware
		The IPU does not respond with the scanner setting signal required to start scanning processing.	
954	B	Printer setting error	<ul style="list-style-type: none"> • Replace the IPU board • Replace the controller board • Update the controller firmware
		The IPU does not respond with the settings that are required to start image processing by the printer.	

	4th Paper Amount
1911 6	Small Size (Optional PFU) Selects the remaining paper amount limit for use with SP19114. <i>Set this SP to 2 or 3 when a paper feed problem occurs before near-end.</i> <i>See "Optional Paper Tray Unit - Paper Lift Mechanism" for details on SP1911.</i> [0 = None (Empty) / 1 = Near End / 2 = 25% / 3 = 75%]
1911 7	Middle Size (Optional PFU) Selects the remaining paper amount limit for use with SP19115. <i>Set this SP to 2 or 3 when a paper feed problem occurs before near-end.</i> <i>See "Optional Paper Tray Unit - Paper Lift Mechanism" for details on SP1911.</i> [0 = None (Empty) / 1 = Near End / 2 = 25% / 3 = 75%]
	4th Paper Size
1911 8	4th Small Paper Size Setting (Optional PFU) Selects the small size threshold for the 4th paper tray. "0" means that this setting is not used. <i>The size used by SP1911 is determined by paper width. See "Optional Paper Tray Unit - Paper Lift Mechanism" for details on SP1911.</i> [0 = None (Not used) / 1 = HLT/A5 / 2 = A4 / 3 = LT / 4 = DLT / 5 = A3]
1911 9	4th Middle Paper Size Setting (Optional PFU) Selects the middle size threshold for the upper tray. "0" means that this setting is not used. <i>The value must be larger than the small size threshold (SP19118). The size used by SP1911 is determined by paper width. See "Optional Paper Tray Unit - Paper Lift Mechanism" for details on SP1911.</i> [0 = None (Not used) / 1 = HLT/A5 / 2 = A4 / 3 = LT / 4 = DLT / 5 = A3]
1912*	Tray Motor Reverse Time Adjusts the tray motor reverse time. <i>The tray motor reverses when the tray is pulled out. The tray can be put back in the machine without damage while the motor reverses.</i> [0 ~ 9000 / 1700 / 1 ms/step]
1995	Paper Height Sensor Check DFU These sensors display the status of the paper height sensors for the 1st and 2nd Paper Trays.
1995 1	1st Paper Tray 1:OK 0:NG
1995 2	2nd Tray 1:OK 0:NG
1997	Jam Detect for Manual Tray Sets the jam detection method for the bypass tray. [0 ~ 1/ 0 / 1] 0:Normal Detection. Detects a jam if the size of the paper fed is shorter or longer than the size selected for the bypass tray. 1:Simple Detection. Detects a jam if the size of the paper fed is longer than the size set for the bypass tray.

SP5XXX: Mode

5024*	mm/inch Selection
	Selects whether mm or inches are used in the display. Note: After selecting the number, you must turn the main power switch off and on. Europe/Asia model: [0 = mm / 1 = inch] American model: [0 = mm / 1 = inch]

5044	Operation Panel Bit SW
5044 1	SW1 DFU
5044 2	SW2 DFU

⇒ 5045	Accounting Counter
	Selects the whether the printer counter is displayed in the LCD or not. [0 to 1/ 0] 0: Displays total counter. 1: Displays both the total counter and printer counter

5051	Toner Refill Detection Display
	Switches the toner refill prompt display off on. Default: On

5052	Recover Time Priority Setting
	The recovery time of the Basic model is 5 sec. so two settings provided, one for energy save priority and one for start time priority. 0: Energy save priority 1: Start time priority

5055	[Display IP Address]	0: NO, 1: Yes
5055 1	Displays the LP's IP Address on the display panel. (Default = NO)	

5104*	A3/DLT Double Count
	Specifies whether the counter is doubled for A3/DLT. "Yes" counts except from the bypass tray. When "Yes" is selected, A3 and DLT paper are counted twice, that is A4 x2 and LT x2 respectively.

5840	IEEE 802.11b
5840 6	Channel MAX
	Sets the maximum range of the bandwidth for the wireless LAN. This bandwidth setting varies for different countries. [1~14/1]
5840 7	Channel MIN
	Sets the minimum range of the bandwidth for operation of the wireless LAN. This bandwidth setting varies for different countries. [1~14/1]
5840 11	WEP Key Select
	Determines how the initiator (SBP-2) handles subsequent login requests. [0~1/1] 0: If the initiator receives another login request while logging in, the request is refused. 1: If the initiator receives another login request while logging in, the request is refused and the initiator logs out. Note: Displayed only when the wireless LAN card is installed.



5841	Supply Name Setting	
	Press the User Tools key. These names appear when the user presses the Inquiry button on the User Tools screen.	
5841 11	StapleStd1	Standard Staples for B408 (SR790)
5841 12	StapleStd2	Standard Staples for B442 (SR820)
5841 13	StapleStd3	Nott used
5841 14	Staple Std4	Not used

5842	Net File Analysis Mode Setting DFU		
	This is a debugging tool. It sets the debugging output mode of each Net File process. Bit SW 0011 1111	Bit	Groups
		0	System & other groups (LSB)
		1	Capture related
		2	Certification related
		3	Address book related
		4	Machine management related
		5	Output related (printing, delivery)
		6	Repository related

Counter

In the User/Tools Counter display, press Counter.

The screenshot shows a terminal window titled "Counter" with a status bar at the top displaying "AUG 9, 2001 2:28PM". The main area contains several counters, each with a label and a numeric value in a box:

Label	Value
▶ Total	9 9 9 8 1 6 0
▶ Copier	9 9 9 8 0 2 1
▶ Printer	9 9 9 8 1 3 9
▶ A3/DLT	9 9 9 8 0 0 0

An "Exit" button is located in the top right corner, and a "Print Counter List" button is in the bottom right corner.

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The following SP mode counters will be displayed.



- Copy Counter (SP5045)
- Printer Counter (SP5045)

View the settings, press Print Counter Exit to return to the User Tools/Counter display, and then press Exit to return to the copy window.